

User's Guide to Interpreting Reports

Wisconsin Forward Exam

Spring 2019

Wisconsin Department of Public Instruction

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PURPOSE OF THIS GUIDE

This guide was developed to help district and school staff access, understand, explain, and interpret the results of the Spring 2019 Wisconsin Forward Exam. This document highlights the types of scores and various reports associated with the assessment. To use assessment information effectively, it is essential that educators understand the information in these reports.

THE FORWARD EXAM REPORTS

About The Forward Exam

The Forward Exam is Wisconsin’s customized large-scale, criterion-referenced, standardized assessment. As a standardized assessment, the Forward Exam is administered through the use of uniform directions, materials, and testing conditions for all test takers. The Forward Exam is aligned to the Wisconsin Academic Standards and measures student performance in relation to those standards.

The Forward Exam assesses the content areas of English language arts (ELA), mathematics, science, and social studies. Each content-area assessment is presented in multiple testing sessions that may be administered in any order.

English Language Arts (ELA): The ELA portion of the Forward Exam uses a wide range of text types to assess students in the areas of reading, writing/language, and listening. The ELA exam is divided into four sessions that may be completed in any order. The ELA exam has a range of item types that are auto-scored. There are three types of selected response items on the ELA exam including multiple choice, enhanced-selected response (ESR), and evidence-based selected response (EBSR). Technology-enhanced (TE) items and EBSR items are worth 1–2 points each. Text-dependent analysis (TDA) items are worth up to 8 points and are scored using a holistic rubric.

Mathematics: The mathematics portion of the Forward Exam contains a variety of item types that include multi select, multiple choice, and technology-enhanced items. The mathematics exam is divided into two sessions, one of the sessions for grades 6–8 allows for the use of a calculator. All items appearing in the mathematics portion of the Forward Exam are worth 1 point and are auto-scored.

Social Studies: The social studies portion of the Forward Exam is divided into two sessions and consists of multiple-choice items worth 1 point each. All items in the social studies exam are auto-scored.

Science: The science portion of the Forward Exam is divided into three sessions. The science exam includes technology-enhanced, evidence-based selected response (EBSR), and multiple-choice item types. All science items are worth one point each and are auto-scored.

For more information about item types, visit <http://dpi.wi.gov/assessment/forward/resources>.

There are three types of reports available. Individual Student Reports (ISRs), Roster and Summary Reports.

About eDIRECT and the Wisconsin Forward Exam Reporting System

The Wisconsin Forward Exam Reporting System is a browser-based system that is designed to deliver online interactive reporting to authorized users at the state, district, and school levels for Wisconsin public schools and Choice program schools.

THE FORWARD EXAM SCORE INTERPRETATION

The Forward Exam yields criterion-referenced scores to convey information about student performance in relation to the Wisconsin Academic Standards. Criterion-referenced information in Forward Exam reporting includes scale scores, performance levels, and standard performance index.

Forward Exam Scale Scores

A student's overall performance on the ELA, Mathematics, Science, and Social Studies assessments is reported as a scale score. The scale is applied to all students taking the Forward Exam in a particular content area at a particular grade level, making it possible to compare scores from different groups of students or individuals. Plotting the mean (or average) scale score for each grade within a school or district for successive years allows relative academic growth to be tracked from one year to the next.

Each content area is scaled separately; therefore, the scale scores for one content area cannot be compared to another content area. Evaluation of trends over time within a content area can help educational planning in a variety of ways. Scale scores for groups of students may be compared across grades (for ELA and Mathematics) and over time for all content areas for which the assessment scores are reported on the same year-to-year scale. New scales for the Forward Exam were established as of spring 2016 for ELA, Mathematics, and Social Studies. The Spring 2019 Forward Exam is considered year four for longitudinal data comparisons. Therefore, the Spring 2019 Forward exam scale scores in ELA, Mathematics, and Social Studies can be compared with the Spring 2016, Spring 2017, and Spring 2018 Forward Exam scale scores within each content area.

Scale scores are reported in both the Student Roster dashboard and in the Summary by Subject dashboard in eDIRECT. In the Student Roster, for the subject selected, you will find the scale score displayed in the row of data for each student reported. In the Summary by Subject dashboard the mean scale score is reported for a single grade based on the selected criteria for the group; when more than one grade is selected, the mean scale score is not reported.

Forward Exam Performance Levels and Performance Ranges

In June 2016, Wisconsin Educators participated in the Standard Setting process during which time they recommended the performance standards in ELA, Mathematics, and Social Studies. Through this process performance level cut scores were also established for the Forward Exam. Detailed information about the standard setting process is available in the *Wisconsin Forward Exam Standard Setting 2016 Technical Report* at <http://dpi.wi.gov/assessment/forward/resources>. The cut scores established in summer 2016 for ELA, Mathematics, and Social Studies remain unchanged for the Spring Forward Exam.

In May 2019, Wisconsin Educators participated in the Standard Setting process during which time they recommended the performance standards in Science. Through this process performance level cut scores were also established for the Forward Exam in Science.

Performance categories and their corresponding scale score ranges reflect student achievement relative to the Wisconsin Academic Standards.

Table 1 provides general performance level descriptions of the Forward Exam.

Table 1. Performance Level Description

Performance Level	Description
Advanced	Student demonstrates thorough understanding of and ability to apply the knowledge and skills for his or her grade level that are associated with college content-readiness.
Proficient	Student demonstrates adequate understanding of and ability to apply the knowledge and skills for his or her grade level that are associated with college content-readiness.
Basic	Student demonstrates partial understanding of and ability to apply the knowledge and skills for his or her grade level that are associated with college content-readiness.
Below Basic	Student demonstrates minimal understanding of and ability to apply the knowledge and skills for his or her grade level that are associated with college content-readiness.

Tables 2.1 through 2.4 provide performance categories and the cut score ranges for each performance level for each content area.

Table 2.1. English Language Arts Performance Ranges and Scale Scores

Grade	Below Basic		Basic		Proficient		Advanced	
	Low	High	Low	High	Low	High	Low	High
3	330	521	522	569	570	623	624	900
4	340	545	546	591	592	649	650	930
5	350	563	564	609	610	669	670	940
6	360	571	572	621	622	670	671	950
7	370	584	585	637	638	696	697	960
8	380	591	592	651	652	707	708	970

Table 2.2. Mathematics Performance Ranges and Scale Scores

Grade	Below Basic		Basic		Proficient		Advanced	
	Low	High	Low	High	Low	High	Low	High
3	360	516	517	559	560	610	611	760
4	405	535	536	587	588	632	633	800
5	430	573	574	610	611	657	658	830
6	440	581	582	625	626	687	688	870
7	450	605	606	646	647	711	712	880
8	470	619	620	666	667	717	718	890

Table 2.3. Science Performance Ranges and Scale Scores

Grade	Below Basic		Basic		Proficient		Advanced	
	Low	High	Low	High	Low	High	Low	High
4	300	446	447	495	496	542	543	725
8	480	652	653	694	695	736	737	945

Table 2.4. Social Studies Performance Ranges and Scale Scores

Grade	Below Basic		Basic		Proficient		Advanced	
	Low	High	Low	High	Low	High	Low	High
4	200	362	363	395	396	435	436	570
8	420	562	563	598	599	639	640	780
10	490	669	670	702	703	740	741	890

Forward Exam Reporting Categories

A reporting category consists of a set of items measuring related knowledge, skills or concepts in a given content area, as specified in Forward Exam blueprint and presented in Tables 4.1 through 4.4. Each reporting category in a given content area is expected to be measured by four or more items. Information about the students' performance on these items and related performance on other test items for the same content is used to calculate a Standards Performance Index (SPI). The SPI is an estimate of the number of questions that a student could be expected to answer correctly if there had been 100 such questions measuring that content standard on the test. These estimates can be averaged for various groups of students tested on the Forward Exam. The SPI for a school can be used to analyze performance in a given content standard relative to a district or state SPI within a single year. Mean SPIs cannot be directly compared across years or grades because test questions measuring each standard change each year and items measuring each content standard represent only a portion of the entire content area test. Detailed information on the SPI score computation and performance level determinations is provided in the *Wisconsin Forward Exam Technical Report* available at <http://dpi.wi.gov/assessment/forward/resources>.

A student’s content category performance is also described as one of the following: below basic, basic, proficient, and advanced. These performance levels and their descriptions are provided in Table 3.

Table 3. Content Category Performance Level Description

Content Category Performance Level	Description
Advanced	Student demonstrates thorough understanding of an ability to apply the knowledge and skills for their grade level that are associated with college content-readiness.
Proficient	Student demonstrates adequate understanding of an ability to apply the knowledge and skills for their grade level that are associated with college content-readiness.
Basic	Student demonstrates partial understanding of and ability to apply the knowledge and skills for their grade level that are associated with college content-readiness.
Below Basic	Student demonstrates minimal understanding of and ability to apply the knowledge and skills for their grade level that are associated with college content-readiness.

Reporting Category performance levels are established each year based on the subject area performance level cut scores and the relative difficulty of the test questions measuring the reporting category.

Tables 4.1–4.4 below identify the Spring 2019 Forward Exam blueprints for each content area.

Table 4.1. Spring 2019 English Language Arts Test Blueprints for Grades 3–8

Reporting Category	Point Total by Grade					
	3	4	5	6	7	8
Reading	22	24	24	24	24	24
Key Ideas and Details	6–12	6–12	6–12	6–12	6–12	6–12
Craft and Structure/Integration of Knowledge and Ideas	4–10	4–10	4–10	4–10	4–10	4–10
Vocabulary Use	4–6	4–6	4–6	4–6	4–6	4–6
Writing/Language	24	24	24	24	24	24
Text Types and Purposes	10–14	10–14	10–14	10–14	10–14	10–14
Research	6–8	6–8	6–8	6–8	6–8	6–8
Language Conventions	6–8	6–8	6–8	6–8	6–8	6–8
Listening	7	8	8	8	8	8
ELA Points Total	53	56	56	56	56	56

Table 4.2. Spring 2019 Mathematics Test Blueprints for Grades 3–8

Points Possible per Reporting Category	Reporting Categories
Grade 3 (42 Points Total)	
8–10	Operations and Algebraic Thinking
7–9	Number and Operations in Base Ten
7–9	Number and Operations–Fractions
9–11	Measurement and Data
6–8	Geometry
Grade 4 (46 Points Total)	
9–11	Operations and Algebraic Thinking
8–10	Number and Operations in Base Ten
9–11	Number and Operations–Fractions
9–11	Measurement and Data
6–8	Geometry
Grade 5 (46 Points Total)	
8–10	Operations and Algebraic Thinking
8–10	Number and Operations in Base Ten
8–10	Number and Operations–Fractions
9–11	Measurement and Data
8–10	Geometry
Grade 6 (46 Points Total)	
6–8	Ratios and Proportional Relationships
10–12	The Number System
10–12	Expressions and Equations
6–8	Geometry
9–11	Statistics and Probability
Grade 7 (46 Points Total)	
7–9	Ratios and Proportional Relationships
6–8	The Number System
9–11	Expressions and Equations
9–11	Geometry
10–12	Statistics and Probability

Table 4.2 (continued). Spring 2019 Mathematics Test Blueprints for Grades 3–8

Points Possible per Reporting Category	Reporting Categories
Grade 8 (46 Points Total)	
7–9	The Number System
9–11	Expressions and Equations
9–11	Functions
9–11	Geometry
7–9	Statistics and Probability

Table 4.3. Spring 2019 Social Studies Test Blueprints for Grades 4, 8, and 10

Points Possible per Reporting Category	Reporting Categories
Grade 4 (38 Points total)	
7–11	Geography
6–10	History
5–9	Political Science And Citizenship
5–9	Economics
5–9	The Behavioral Sciences
Grade 8 (40 Points total)	
8–12	Geography
10–15	History
5–7	Political Science And Citizenship:
5–7	Economics
4–6	The Behavioral Sciences
Grade 10 (50 Points total)	
9–11	Geography
11–14	History
11–14	Political Science And Citizenship
7–10	Economics
7–10	The Behavioral Sciences

Table 4.4. Spring 2019 Science Test Blueprints for Grades 4 and 8

Points Possible per Reporting Category	Reporting Categories
Grade 4 (40 Points Total)	
7–10	Life Science Practices and Crosscutting Concepts
6–9	Physical Science Practices and Crosscutting Concepts
5–7	Earth and Space Science Practices and Crosscutting Concepts
5–7	Engineering Practices and Crosscutting Concepts
Grade 8 (40 Points Total)	
6–9	Life Science Practices and Crosscutting Concepts
7–10	Physical Science Practices and Crosscutting Concepts
5–7	Earth and Space Science Practices and Crosscutting Concepts
5–7	Engineering Practices and Crosscutting Concepts

Norm-Referenced Score Interpretation

Norm-referenced score interpretations provide information that compares the students' achievement with that of a larger reference group. The reference group used for computation of the norm-reference scores is all students tested on the Forward Exam statewide. Norm-referenced scores for the Forward Exam are presented on the Individual Student Reports (ISR) as a State Percentile.

The State Percentile is a ranking of an individual student's results relative to the results of other test takers in the state. For example, a student who scored at the 82nd percentile had a score that was equal to or better than 82% of the scores of all students in Wisconsin who took the same test. A lower percentile might still indicate proficiency, if the majority of students in that grade level are proficient.

ACCESSING AND USING eDIRECT REPORTS AND WISCONSIN FORWARD EXAM REPORTING SYSTEM

Accessing Wisconsin Forward Exam Reporting System

All users will access the Reporting System through eDIRECT at <https://wi.drctdirect.com/>. A user name and password are required to log in to eDIRECT.

The screenshot shows the eDIRECT login interface. On the left, there is a white login box with the DRC INSIGHT logo at the top. Below the logo are fields for 'Username' and 'Password'. The password field has a 'Show Text' checkbox. A 'Sign in' button is located below the password field, and a link for 'Forgot your password?' is below the button. On the right, a dark blue sidebar contains the following text: 'Welcome to eDIRECT', 'Data Recognition Corporation (DRC) welcomes Wisconsin to eDIRECT!', 'This Web site enables you to quickly and easily access test setup and reports regarding the Wisconsin Forward Exam.', 'To access test setup and reports, authorized district and school personnel need to log onto eDIRECT. To log in, enter your email address and password on this page, and then click **Sign In**.', 'WI Forward Help Desk', '1.800.459.6530', 'WIHelpDesk@datarecognitioncorp.com', 'Access to Forward Exam Online Tools Training (OTT), Forward Exam Student and Administrator Tutorial Videos, and Forward Exam Sample Items', 'Publicly accessible versions of the DRC INSIGHT test engine and the Forward Exam OTTs, Student and Administrator tutorial videos, and the Forward Exam Sample Items are available. Please copy the link below into a Google Chrome browser window to access. Note that Google Chrome is the only supported browser for this public version of the DRC INSIGHT test engine.', and 'Wisconsin Forward Portal: <https://wbte.drctdirect.com/WI/portals/wi>'. At the bottom of the page, there is a footer with '© DRC Insight 2019', 'Privacy Policy', 'Terms of Use', 'Contact Us', and the DRC logo.

Role Permissions in eDIRECT

User accounts grant a specific level of access. School level users have access to view only their school data and district level users can only view schools within their district. This allows the district user the ability to see all pertinent information about the schools within their district. All eDIRECT permissions needed to access ISRs in eDIRECT as well as Forward Exam Reporting System summary reports at the school or district levels are included in the District Report User and School Report User permission sets, respectively (see figure 1 below). All report permissions are already included in District Assessment Coordinator (DAC) and School Assessment Coordinator (SAC) permission sets. Step-by-step information on how to assign permissions can be found in the eDIRECT Guide.

Permission to access student data should only be provided to authorized personnel (i.e., specific staff responsible for the student's education), and must be consistent with local policies and adhere to federal and state student data privacy laws.

Figure 1. Example of School Report User Permission Set in eDIRECT

The screenshot shows the 'User Administration' page in eDIRECT. At the top, there are navigation tabs for 'Edit User', 'Add Single User', and 'Upload Multiple Users'. Below these is a form for creating a user. The form includes fields for 'First Name', 'Middle Initial', and 'Last Name', each with an asterisk indicating it is required. There is also an 'Email Address' field with an asterisk. Below these are dropdown menus for 'Administration' (set to 'Wisconsin Forward Exam Spr'), 'User Role' (set to 'School'), 'District' (set to 'DRC USE ONLY - SAMPLE DISTRICT'), and 'School' (set to 'DRC USE ONLY - eDIRECT SA'). A 'Permission-set' dropdown menu is highlighted with a red arrow, showing 'School Report User' selected. Below the form is a tip: 'Tip: When you select a permission, its description will display below the list'. There are two columns of permissions: 'Available Permissions' and 'Assigned Permissions'. The 'Assigned Permissions' list includes: Documents - View, Reports - Manage - Delete, Reports - Manage - Publish, Reports - View - Delete, Reports - View School Files, Students - Download Students, Students - Search/View, Test Session - Add/Edit, Test Session - Search/View, Test Setup - Primary Window, and Test Tickets - View Questions Attempted. A 'Save' button is located at the bottom left of the form area. At the very bottom of the page, there is a footer with copyright information: 'Copyright © 2019 Data Recognition Corporation | Minimum Browser Requirements | Security and Confidentiality Agreement'.

About Individual Student Reports in eDIRECT

Individual Student Reports (ISRs) will be available as PDFs in eDIRECT beginning July 8, 2019 (see sample ISR beginning on page 23 of this guide). Files will be broken out by grade level (and school), and each grade level file will be inclusive of all students with at least one completed test for that grade. District level users will also have access to a single file that contains all students in all tested grades for all schools within the district. Please be aware that this file can be large and download times will vary. School level users will have access to all tested grade levels at the school.

Accessing eDIRECT Reports (ISRs)

After logging into eDIRECT, the **Report Delivery** menu appears under the **Scoring and Reporting** subheading in the My Applications drop-down menu the top of the screen. Select **View Reports**.

The screenshot displays the 'View Reports' interface in the eDIRECT system. At the top, the navigation bar includes the 'DRC INSIGHT WISCONSIN' logo and a 'REPORT DELIVERY' dropdown menu. Below this, a secondary navigation bar features 'Report Delivery', 'Status Reports', 'View Reports' (highlighted with a red circle), and 'WI Forward Reports'. The main content area is titled 'View Reports' and contains several filter options: 'Administration' (Wisconsin Forward Exam Spring 20), 'District' (DRC USE ONLY - SAMP), 'School' (DRC USE ONLY - eDIRI), and 'Report' ((All)). There are two buttons: 'Show Reports' and 'Download Reports'. Below the filters is a table header with columns: Administration, Report, Title, District, School, Date, and Action. A message below the table says 'Choose from the above filters and click on 'Show Reports' to view matching 'Reports''. The footer contains 'Copyright © 2019 Data Recognition Corporation' and 'Minimum Browser Requirements | Security and Confidentiality Agreement'.

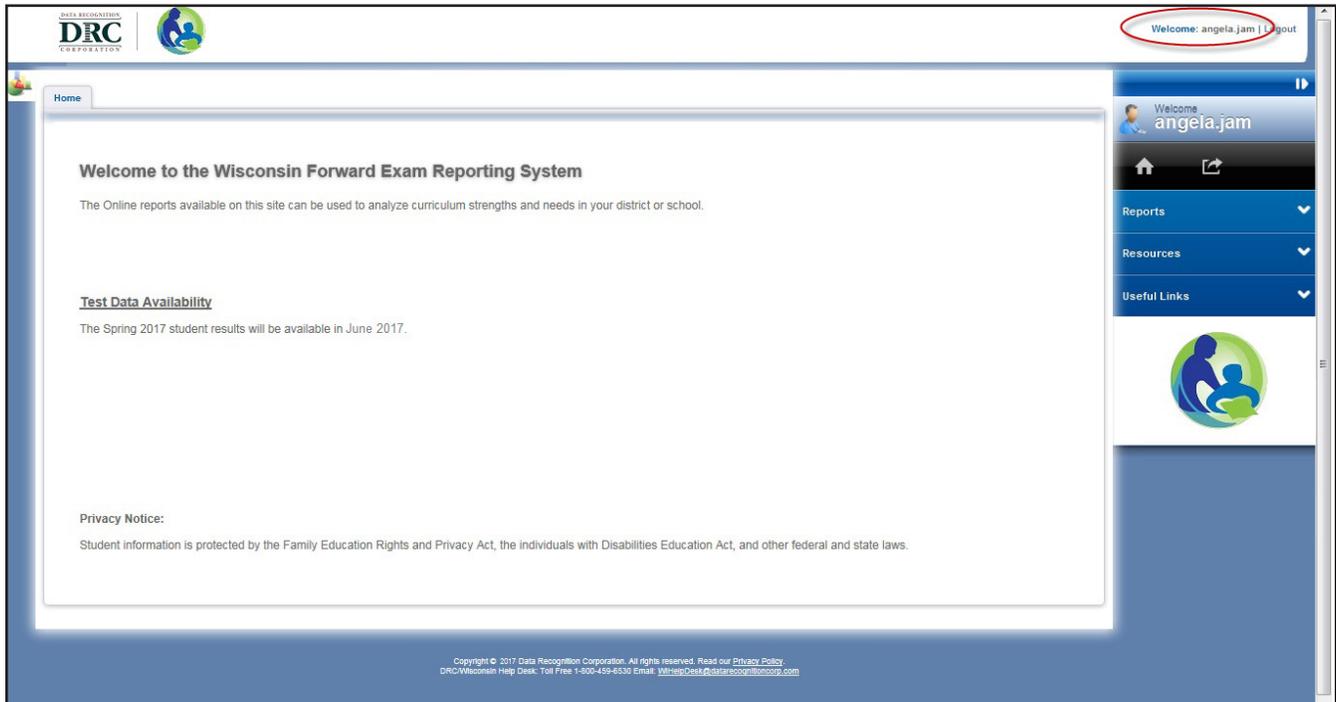
Accessing Summary Reports

After logging into eDIRECT, click on **Report Delivery** in the My Applications menu and then **WI Forward Reports**.

The screenshot shows the DRC INSIGHT WISCONSIN REPORT DELIVERY interface. The 'REPORT DELIVERY' menu item is circled in red. The 'WI Forward Reports' tab is also circled in red. The 'View Reports' section includes filters for Administration (Wisconsin Forward Exam Spring 20), District (DRC USE ONLY - SAMP), School (DRC USE ONLY - eDIRECT), and Report ((All)). There are 'Show Reports' and 'Download Reports' buttons. Below the filters is a table header with columns: Administration, Report, Title, District, School, Date, and Action. A message below the table says 'Choose from the above filters and click on 'Show Reports' to view matching 'Reports''.

In the summary report dashboard, the ability to view state comparative numbers may be included for informational purposes within the report but the district user does not have the ability to gain access to any other identifiable information about a student that is not within their school district.

The Home Page (displayed below) contains information on the Reporting System, the availability of data, a Privacy Notice, and any important messages. Appearing in the top right-hand corner will be your User ID followed by the Logout link. You can click on this link to log out of the website at any time. Please note that you must allow pop-ups in your browser in order to view this page.

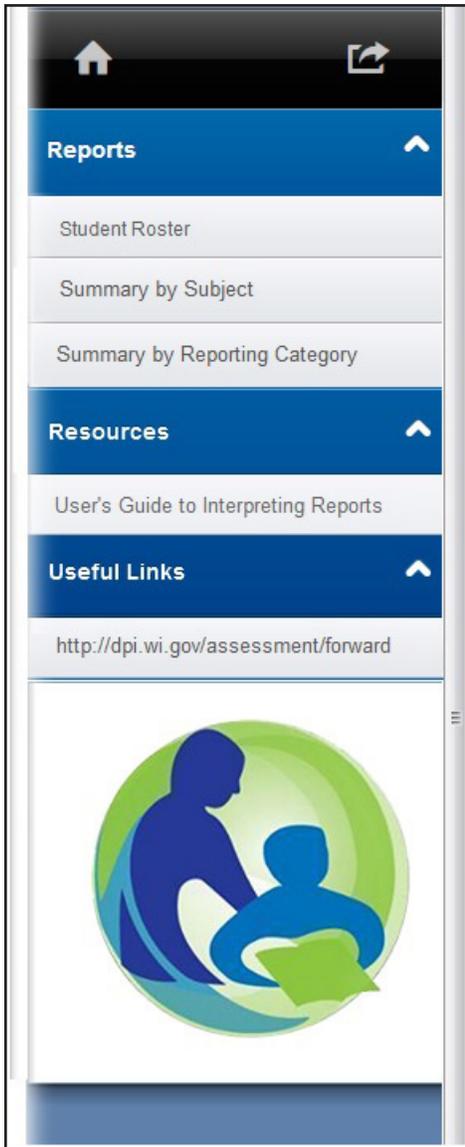


Below the Logout link is a blue menu bar. At the top of this bar, you will see “Welcome” followed by your user display name. There is also a Logout icon in the icon bar below the “Welcome” message. These navigational elements are available to all system users at all levels while you are logged in.

Should you need assistance or technical support, please contact the DRC/Wisconsin Help Desk at 800.459.6530 or WIHelpDesk@datarecognitioncorp.com.

USING WISCONSIN FORWARD EXAM REPORTING SYSTEM

Dashboard Menu



The dashboard menu, located on the right-hand side of the home screen, offers three report dashboard options—**Student Roster**, **Summary by Subject**, and **Summary by Reporting Category**.

Next on the menu bar is a link to **Resources**, which lets you access this eDIRECT and Wisconsin Forward Exam Reporting System Interpretive and User Guide.

Finally, there is a **Useful Links** option that offers a link to the Department of Public Instruction Forward Exam Webpages.

There are a few useful things to know when using the dashboard menu options. Each dashboard has its own set of selection criteria for choosing the student population to display. To view one of the available dashboards, click on the menu choice for that dashboard. The dashboard opens with the tab near the top of the page to the left of the blue menu bar.

Report Filter Options on Student Roster and Summary Dashboards

When you select a report from the Dashboard menu, the report filter options will be displayed. The Report Filter Options bar is located just below the dashboard tab and can be hidden or revealed by clicking on it. The top panel of the dashboard (the area with a light-blue background) contains the filter options for you to select for the specific dashboard. Simply select the desired filter options and click **Refresh Report** to view the report data. The filter options include Admin Year, District Type, School, Grade, Subject, Race, Gender, ELL, Students with Disabilities, Migrant, and Student Tested filters. Some of the information in these fields will auto-populate based upon your user profile. You will be able to access information pertaining only to your school or district.

Most of the filters have a “single select” option. That is, you can choose only one selection in the list. For instance, you might select the “Female” option under the gender category and the report will display the corresponding data for only female students.

The Race filter, and on some dashboards the grade filter, are “multi select”. This allows you to choose multiple selections (one or more) from the list when clicking on different values, checking or unchecking the items from the dropdown.

Note: If you change any selected criteria, you must click Refresh Report again for the changes to take effect in the report. In addition, once a change is made to the filter criteria, the Refresh Report button color will change from blue to green and an orange pop-up will appear above the button, *as a friendly reminder*.



For district and state users, the School filter is a single-select with an “All” selection option. This means it lists all schools associated with that district and allows the state or district-level user to select one or all schools, within their district.

AGGREGATE REPORTS

The three options under the Reports menu are Student Roster, Summary by Subject, and Summary by Reporting Category.

Student Roster

The **Student Roster** is accessed from the **Reports** menu. The Student Roster provides detailed information on students who are part of a particular testing group.

The body of the Roster report lists Student Name, Local ID, Scale Score and Performance level for the subject chosen and the Standard Performance Index (SPI) Level for the subject's Reporting categories.

For each subject and grade, the reporting categories are displayed showing the SPI Level achieved: Below Basic, Basic, Proficient, Advanced, or blank. A blank in the SPI Level field indicates a Not Tested Code was applied or the student did not respond to enough items in the category to produce a rating or this is a grade that did not test this particular subject. For example, Social Studies only tests grades 4, 8, and 10.

The screenshot shows the 'STUDENT ROSTER' report interface. At the top, there are filter options for Admin Year (Wisconsin Spring), District (Any District), Grade (Grade 8), District Type (Public), School (School One), Subject (English Language A.), Race (ALL), Gender (ALL), and Students Tested (ALL). A sidebar on the right contains a 'Reports' menu with 'Student Roster' highlighted. The main content area displays a table of student data.

Student Name	Local ID	English Language Arts		Standard Performance Index Level					
		SS	Performance Level	Reading - Key Ideas and Details	Reading - Craft & Structure/Integration of Knowledge & Ideas	Reading - Vocabulary Use	Writing Language - Text Types and Purposes	Writing Language - Research	Writing Language - Language Conventions
ADAMS, ADAM	0987854321	461	Proficient	Proficient	Proficient	Proficient	Proficient	Proficient	Proficient
ADAMS, MITCH	12345678910111213	420	Basic	Basic	Basic	Basic	Basic	Basic	Basic
BELL, JAKE D	34567890	528	Advanced	Advanced	Proficient	Advanced	Advanced	Advanced	Advanced
BLAIR, EMILY	4567890123	405	Proficient	Proficient	Proficient	Proficient	Proficient	Proficient	Proficient
DUCK, DAISY	5678901234	388	Basic	Basic	Proficient	Basic	Basic	Basic	Basic
HAWKING, JASON C	6789012345	527	Advanced	Advanced	Advanced	Advanced	Advanced	Advanced	Advanced
JAMARCK, PAULE	7890123456	380	Basic	Basic	Basic	Basic	Basic	Basic	Basic
MAY, APRIL	8901234567	367	Basic	Basic	Basic	Basic	Basic	Basic	Basic
RAE, LUCY C	9012345678	385	Basic	Basic	Basic	Basic	Basic	Basic	Basic
SINGH, DEBI	0123456789	478	Proficient	Proficient	Proficient	Proficient	Proficient	Proficient	Proficient
WEBBER, PENNY	1111122222	330	Below Basic	Below Basic	Below Basic	Below Basic	Below Basic	Below Basic	Below Basic
WEBBER, PEGGY	1234567890	462	Proficient	Proficient	Proficient	Proficient	Proficient	Proficient	Proficient
WILSON, WILSON W	33334444433333		Not Tested						

Using the Student Roster Report to Improve Learning

The Student Roster report results can help district-level educators assess their district's grade level and individual student strengths for each subject and reporting category. The subject-area performance level and scale score achieved indicate how well a student mastered each key learning objective and those which need improvement. For the subject area selected, each reporting category indicates the Standard Performance Index (SPI) level for that objective as either Advanced, Proficient, Basic, or Below Basic. For students assigned a reason not tested, the subject-area performance-level field will indicate Not Tested and the scale score will be blank. Report filters can be used to aggregate groups of students or identify individual students in various demographic sub-groups. The ability to sort on certain fields in the roster table, such as Scale Score, can display the students based on the selected criteria, in highest to lowest scale score order.

Summary Report Dashboards

There are two summary report dashboards - the Summary by Subject and the Summary by Reporting Category. Either of the Summary Reports can be accessed by clicking the **Reports** menu link. The **Summary by Subject** reports your data results at the overall subject performance level. The **Summary by Reporting Category** reports your data based on the individual reporting category SPI level for the reporting category chosen. You may select one reporting category at a time to view the results achieved. No mean scale score row is present on this dashboard. The State columns of data, shown in the charts and tables on both the Summary by Subject and the Summary by Reporting Category dashboards, are only present for public district and school users.

The **Summary by Subject** report dashboard (figure 2) includes performance level information for the school, district, and state and includes a mean scale score (Mean SS) row below the table. Along with numeric and graphic representations of the performance level for the subject and grade, the report includes the number and percent of students in each of the performance levels. The Grade filter on this dashboard is a multi-select with an "All" selection option. When two or more grades are selected, the Mean SS line will not be present beneath the Performance Level table.

Figure 2. Summary by Subject Report Dashboard

Report Filter Options

ADMIN YEAR: Wisconsin Spring 2016
 DISTRICT: District One
 GRADE: Grade 3
 DISTRICT TYPE: Public
 SCHOOL: ALL
 SUBJECT: English Language Arts
 RACE: ALL
 ELL: ALL
 MIGRANT: ALL
 FAY DISTRICT: ALL
 GENDER: ALL
 STUDENTS WITH DISABILITIES: ALL
 ECONOMICALLY DISADVANTAGED: ALL
 FAY SCHOOL: ALL

Summary by Subject

Admin Year: Wisconsin Spring 2017, District Type: Public, District: District One, Grade: 3, Subject: English Language Arts

Performance Level by Subject	School		District One		State	
	# of Students	% of Students	# of Students	% of Students	# of Students	% of Students
Advanced	2	1.9	2	1.9	5589	8.9
Proficient	29	27.1	29	27.1	21394	34.2
Basic	30	28.0	30	28.0	21337	34.1
Below Basic	46	43.0	46	43.0	12800	20.4
Not Tested*	0	0.0	0	0.0	1501	2.4
Others						
Mean SS	575.1		575.1		561.9	

Bar Chart 1: Performance Level by Subject

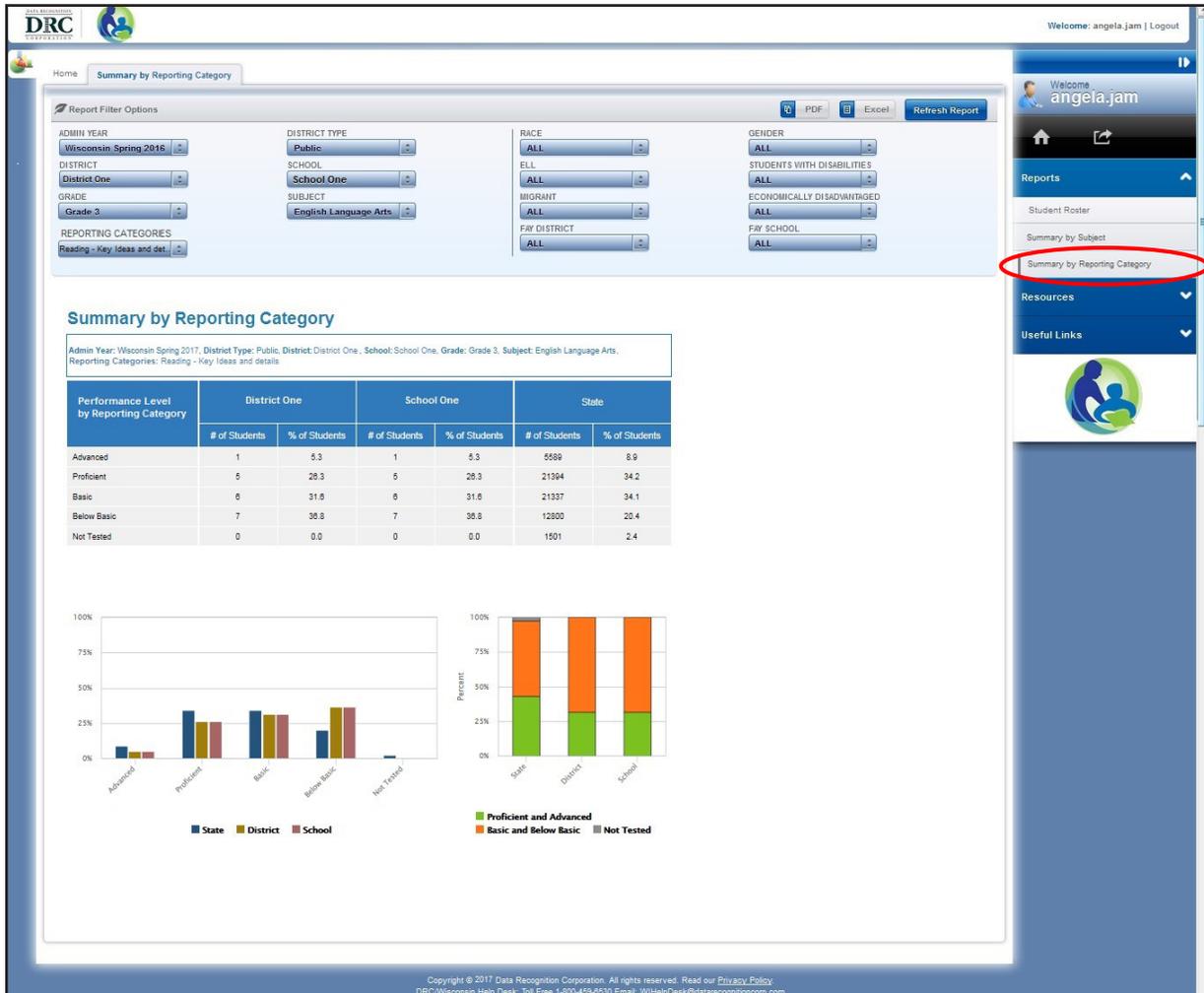
Bar Chart 2: Performance Level by Reporting Category

The Mean SS is not reported when more than one grade is selected.
 * The not tested count of students includes those students who participated in the alternate assessment.

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The **Summary by Reporting Category** report dashboard (figure 3) includes performance level information based on the individual reporting category selected, for the school, district, and state. By selecting any one of the available reporting categories from the **Reporting Category** filter the table and chart data will be based on that category for the subject and grade chosen. Along with numeric and graphic representations of the performance level by reporting category, subject, and grade, the report includes the number and percent of students in each of the performance levels for the reporting category selected. Filter options allow users to disaggregate the data in a number of ways.

Figure 3. Summary by Reporting Category Report Dashboard



Using the Summary by Subject Report to Improve Learning

The Summary Report by Subject dashboard presents school-level educators with key information on how well their school performed on the Forward Exam. The school data by grade and subject chosen, will display the number and percent of students in each performance level, or not tested category. The school results are presented for comparison against the school's district and to the state. The Mean Scale Score is indicated for the school, school's district, and state for the subject and grade selected. This data is also presented within the two charts on the dashboard. A school user can collect specific data on certain groups by means of the report filter options, gathering these numbers and percentages for only student populations who meet the selected criteria. This data provides the school with a quick overview of how they compare within their district and to the state.

Using the Summary by Reporting Category Report to Improve Learning

The Summary by Reporting Category report dashboard presents school-level educators with key information on how well their school performed on the Forward Exam in each reporting category. The school data by grade, subject, and reporting category chosen will display the number and percent of students in each reporting category performance level. The school results are presented for comparison against the school's district and to the state. This data is also presented within the two charts on the dashboard. A school user can collect specific data on certain groups by means of the report filter options, gathering these numbers and percentages for only student populations who meet the selected criteria. This data provides the school with a quick overview of how they compare within their district and to the state.

INDIVIDUAL STUDENT REPORTS

Individual Student Reports will be mailed in hard copy to each district by August 5, 2019. These documents will be packaged by school. Two copies will be provided - one copy for the school to retain and one to be sent home to parents/guardians.

Accessing Individual Student Reports in eDIRECT

ISRs will be available in eDIRECT after secure login. All users requiring access to ISRs must have the following permissions assigned in eDIRECT:

- Reports—View District Files (for District level ISRs)
- Reports—View School Files (for School level ISRs)

Refer to the eDIRECT Guide for more information on assigning permissions in eDIRECT. Reports will be provided in two versions:

- One file per school/grade (for District and School roles)
- One file per district (for District roles)

Sample Individual Student Report

Page 1, Grade 8 ISR



WISCONSIN
Forward Exam

Student Report

Student Name: [REDACTED]
 Grade: 8
 Date of Birth: [REDACTED]
 Local Student ID: [REDACTED]
 School: [REDACTED]
 District: [REDACTED]
 Test Date: Spring 2019

Student Performance Level					
	Below Basic	Basic	Proficient	Advanced	State Percentile Rank
English Language Arts Grades 3-8			✓		86
Mathematics Grades 3-8			✓		77
Science Grades 4 & 8			✓		66
Social Studies Grades 4, 8 & 10				✓	97

About the Wisconsin Forward Exam

English Language Arts, Mathematics, Science and Social Studies

The Wisconsin Forward Exam is administered in grades 3-8 in the areas of English Language Arts (ELA) and Mathematics, Science for grades 4 and 8, and Social Studies for grades 4, 8, and 10. The Wisconsin Forward Exam aligns with the Wisconsin Academic Standards. For more information about the Wisconsin Forward Exam, please visit the Wisconsin Forward Exam webpage at <http://dpi.wi.gov/assessment/forward>.

Purpose of this Report

This report includes information about student achievement on the Wisconsin Forward Exam in relation to the Wisconsin Academic Standards. It presents data that may help students, parents, and educators identify specific areas of strength and need.

The goal is for all Wisconsin students to score proficient or advanced.

Performance Levels

Advanced - Student demonstrates thorough understanding of and ability to apply the knowledge and skills for their grade level that are associated with college content-readiness.

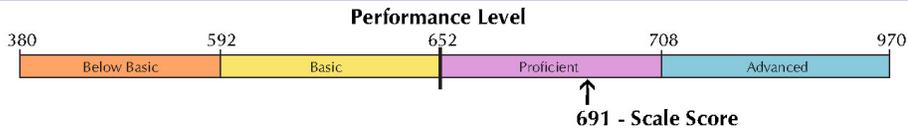
Proficient - Student demonstrates adequate understanding of and ability to apply the knowledge and skills for their grade level that are associated with college content-readiness.

Basic - Student demonstrates partial understanding of and ability to apply the knowledge and skills for their grade level that are associated with college content-readiness.

Below Basic - Student demonstrates minimal understanding of and ability to apply the knowledge and skills for their grade level that are associated with college content-readiness.

<http://dpi.wi.gov/assessment/forward>

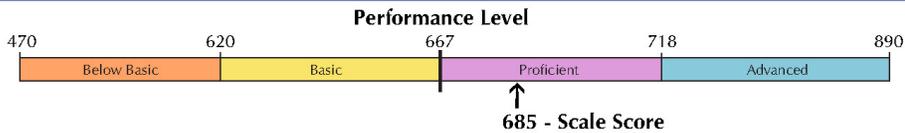
English Language Arts



Student's test scale score is indicated by (↑). If this student were to test again under similar circumstances, his/her score would likely remain in the following range: 676-706

Reporting Category	Student's Points	Total Points Possible	Standards Performance Index (SPI)	SPI Level
Reading	21	24	84	Proficient
Key Ideas and Details	10	11	86	Proficient
Craft & Structure/Integration of Knowledge & Ideas	7	8	77	Proficient
Vocabulary Use	4	5	83	Proficient
Writing/Language	16	24	73	Proficient
Text Types and Purposes	5	11	65	Proficient
Research	6	7	82	Proficient
Language Conventions	5	6	80	Proficient
Listening	6	8	81	Proficient
Total ELA Raw Score	43	56		

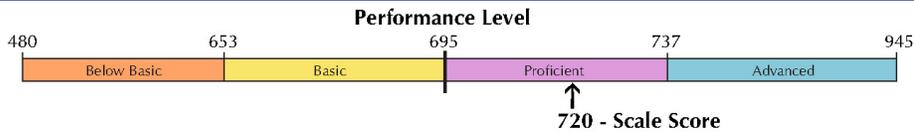
Mathematics



Student's test scale score is indicated by (↑). If this student were to test again under similar circumstances, his/her score would likely remain in the following range: 675-695

Reporting Category	Student's Points	Total Points Possible	Standards Performance Index (SPI)	SPI Level
Geometry	5	10	60	Proficient
The Number System	5	8	62	Proficient
Expressions and Equations	9	10	66	Proficient
Statistics and Probability	4	8	55	Proficient
Functions	6	10	63	Proficient
Total Mathematics Raw Score	29	46		

Science

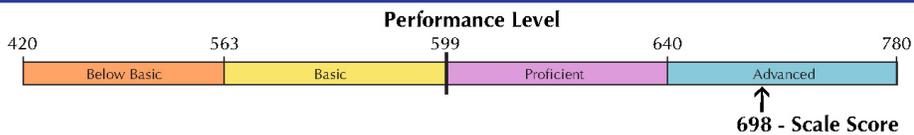


Student's test scale score is indicated by (↑). If this student were to test again under similar circumstances, his/her score would likely remain in the following range: 707-733

Reporting Category*	Student's Points	Total Points Possible	Standards Performance Index (SPI)	SPI Level
Life Science Practices and Crosscutting Concepts*	8	11	66	Proficient
Physical Science Practices and Crosscutting Concepts*	4	10	53	Proficient
Earth and Space Science Practices and Crosscutting Concepts*	6	10	66	Proficient
Engineering Practices and Crosscutting Concepts*	7	9	77	Proficient
Total Science Raw Score	25	40		

* As described in the 3-dimensional Wisconsin Standards, the Science Forward Exam asks students to use science and engineering practices and crosscutting concepts in combination with content knowledge to demonstrate proficiency in these reporting categories.

Social Studies



Student's test scale score is indicated by (↑). If this student were to test again under similar circumstances, his/her score would likely remain in the following range: 686-710

Reporting Category	Student's Points	Total Points Possible	Standards Performance Index (SPI)	SPI Level
Geography	10	10	98	Advanced
History	12	12	98	Advanced
Political Science and Citizenship	6	6	95	Advanced
Economics	6	6	96	Advanced
The Behavioral Sciences	5	6	95	Advanced
Total Social Studies Raw Score	39	40		

Wisconsin Forward Exam

The Forward Exam is a joint effort of the Wisconsin Department of Public Instruction (DPI), Wisconsin educators, and our test contractor, the Midwest-based Data Recognition Corporation (DRC). The exams are given to meet state and federal reporting and accountability requirements. Results from the Forward Exam are used to create Wisconsin School Report Cards, and to complete mandatory federal reporting. For more information about the Forward Exam see: <http://dpi.wi.gov/assessment/forward>.

Assessment Accommodations and Supports

State and federal laws require that state assessments allow for the inclusion of all students, including students with disabilities and English language learners. Accommodations and supports are practices and procedures that provide equitable access to grade-level content. They are intended to reduce the effects of a student's disability or level of language acquisition; they do not reduce learning expectations. The accommodations or supports provided to a student must be consistent for classroom instruction, classroom assessments, and state assessments. It is important to note that, while some accommodations or supports may be appropriate for instructional use, they may not be appropriate for use on a standardized assessment. For more information about the accommodations and supports see: <http://dpi.wi.gov/assessment/forward/accommodations>.

Wisconsin Academic Standards

Wisconsin Academic Standards specify what students should know and be able to do in the classroom. Standards serve as goals for teaching and learning, and enable students, parents, educators, and citizens to know what students should have learned by a given time. Clear statements about what students must know and be able to do are essential. This helps to ensure that our schools offer rigorous, rich, and well-rounded opportunities for students to acquire the knowledge and skills necessary for college and career readiness. Assessing progress towards standards and learning objectives is accomplished daily through formative practices, periodically through interim assessments, and annually through a variety of summative measures, including the Wisconsin Forward Exam. For more information about Wisconsin academic standards, see: <http://dpi.wi.gov/standards>.

Use of the Student Report

Three subject level scores are presented on this report:

- **Scale Score** is a numeric score that is used for measuring achievement growth of a student or group of students within a subject area from year to year. Separate scales are established for each subject and cannot be compared between subject areas.
- **Percentile Rank** compares a student's score to other test takers in the grade and subject. For example, a percentile rank of 75 means the student scored as well as or better than 75 percent of test takers.
- **Performance Level** is a categorical score. The goal for all students is to score at the proficient or advanced level.

Three standards scores are presented on this report:

- **Student's Points** is the number of points a student earned for each standard and for the overall test. Total Possible Points is also presented.
- **Standards Performance Index (SPI)*** is an estimate of how many questions a student would have answered correctly if there had been 100 questions covering the standard on the test.
- **SPI Level*** is an estimate of performance level on each standard. The performance level categories are advanced, proficient, basic, and below basic.

*NA = There are not enough items measuring this content standard on this year's Forward exam to reliably calculate an SPI.

<http://dpi.wi.gov/assessment/forward>

HELP DESK

Forward Exam Help Desk

Customer service representatives are available via a toll-free phone number and e-mail.

Wisconsin Forward Exams Support
1-800-459-6530
WIHelpDesk@datarecognitioncorp.com

Support Line Hours:
M–F 7:00 AM Central–5:00 PM Central

Department of Public Instruction Contacts

For Forward Exam questions related to Wisconsin policies use the following information:

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Jennifer Teasdale <ul style="list-style-type: none">• Phone: (608) 266-5193• Email: Jennifer.teasdale@dpi.wi.gov	Test Security and Choice Programs Duane Dorn <ul style="list-style-type: none">• Phone: (608) 267-1069• Email: duane.dorn@dpi.wi.gov

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